

# Report Plexos Project

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Report delivered:

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## Abstract

# 1 Introduction

## 2 Theory

### 2.1 Methods in present work

### 2.2 intermittent resource handling

### 2.3 reservoir hydro handling

### 2.4 region exchange

#### 2.4.1 Advantages

#### 2.4.2 Disadvantages

### 2.5 investment initiatives for renewable sources

- investment support
  - One time financial support to cover part of the investment costs
    - advantages
      - \* possibility of finetuning
    - disadvantages
      - \* requires much capital at beginning
      - \* no incentive to reduce
      - \* limited security for investor
      - \* in case of fine tuning: much administration
- tendering
- feed-in tariff
- premium
- green certificates

## 3 Analysis

## 4 Conclusion